AdvanLED
Your LED Solutions Provider

LED DISPLAY
CATALOGUE

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AdvanLED

ABOUT
LED VISION

SINCE 2000

Mr. James Wong
Founder of LED Vision Sdn. Bhd

Lahore, Pakistan (2000)

LED Vision Sdn. Bhd. has been at the forefront of the LED industry since it's inception in the year 2000. We supply a wide range of LED Application products to the local and overseas market under the brand name AdvanLED. We are proud of our capability to customize our LED products to meet the demands of the ever evolving


Our mission is to be a One-Stop LED Solutions Provider. Provided with our experiences and capabilities to design, manufacture, supply and maintain excellent LED applications.

At the same time, we ensure that we exceed the expectations of our customers by providing quality products in the shortest possible time.

At LED Vision, we believe in having a close working relationship with our customers. Thus, we put a lot of effort into providing superior after-sales services and professional consultancies to our valued customers.

As a result, we want our customers to feel confident and satisfied with their decision to entrust us with their projects. We are ever striving to improve our products and production efficiency. This will benefit our customers with better value products at lower costs.
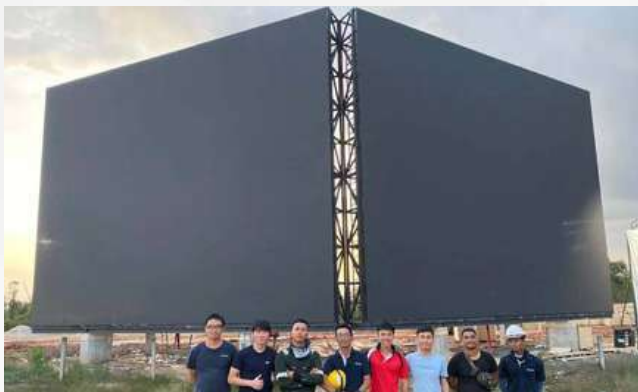
PROJECT REFERENCE
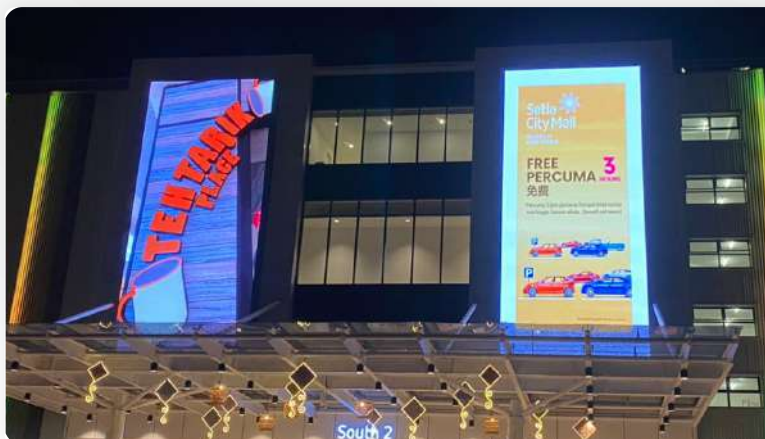
Product:
Outdoor LED Billboard

Pitch Pixel:
P10 SMD LED

Client:
Setia City Mall

Date:
January 2022

Product:
Indoor LED Display

Pitch Pixel:
P2.5 SMD LED

Client:
MSI Global Malaysia

Date:
December 2021

Product:
Indoor LED Display

Pitch Pixel:
P2.5

Client:
Decathlon Cheras

Date:
October 2021

Product:
Indoor LED Display

Pitch Pixel:
P2.5

Client:
ATT Tanjung Bin Sdn. Bhd.

Date:
January 2021

Product:
Outdoor LED Billboard

Pitch Pixel:
P8 SMD LED

Client:
Petro Mart Sdn. Bhd.

Date:
January 2021

Product:
Outdoor LED Billboard

Pitch Pixel:
P1.3 SMD LED

Client:
SME Corporation

Date:
September 2020

Product:
Outdoor LED Billboard

Pitch Pixel:
P10 SMD LED

Client:
Gamuda Land

Date:
August 2020

PROJECT REFERENCE

Product:
Outdoor LED Billboard

Pitch Pixel:
P10 SMD LED

Client:
Gamuda Land

Date:
September 2019

Product:
LED Scoreboard

Pitch Pixel:
P6 SMD LED

Client:
Kulai City Council

Date:
September 2019

Product:
Outdoor LED Billboard

Pitch Pixel:
P10 SMD LED

Client:
Parkland Group

Date:
July 2019

Product:
Indoor LED Display

Pitch Pixel:
P4 Indoor Module

Client:
Berjaya Group

Date:
November 2018

Product:
Indoor LED Display

Pitch Pixel:
P2.5 SMD LED

Client:
Gamuda Land

Date:
October 2018

Product:
LED Billboard Truck

Pitch Pixel:
P4 Indoor Module

Client:
Mata Langit

Date:
October 2018

Product:
Outdoor LED Display

Pitch Pixel:
P16 Outdoor Module

Client:
R&F Development

Date:
March 2018

PROJECT REFERENCE

Product:
Outdoor LED Display

Pitch Pixel:
P8 Outdoor Module

Client:
Cubig, Bangsar

Date:
August 2018

Product:
Outdoor LED Display

Pitch Pixel:
P10 SMD LED

Client:
Hatten Group

Date:
October 2015

Product:
LED Bunting

Pitch Pixel:
P10 SMD LED

Client:
Melaka City Council

Date:
August 2014

Product:
Outdoor LED Display

Pitch Pixel:
P16 Outdoor Module

Client:
Sungai Besi

Date:
August 2014

Product:
Outdoor LED Display

Pitch Pixel:
P16 Outdoor Module

Client:
Bukit Bintang, KL

Date:
April 2014

Product:
Outdoor LED Display

Pitch Pixel:
P10 SMD LED

Client:
Faithview Hotel
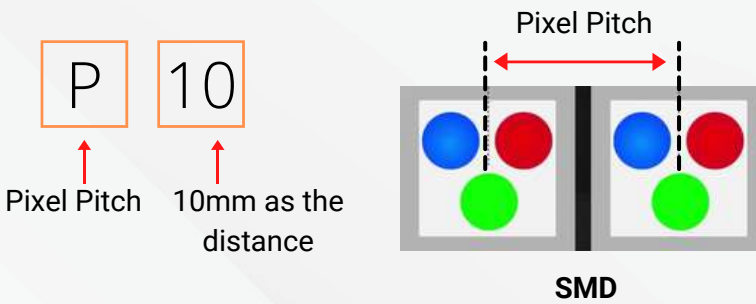
Date:
April 2013

Product:
Variable Message Sign

Pitch Pixel:
P20 Outdoor Module

Client:
Ayer Keroh Junction

Date:
July 2012

PIXEL PITCH

P 10

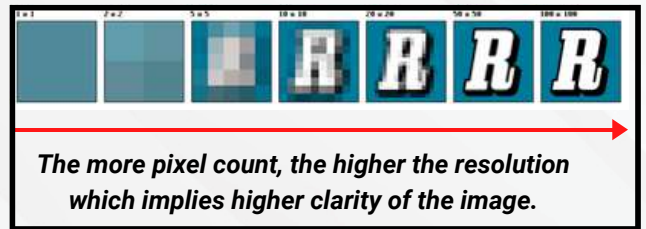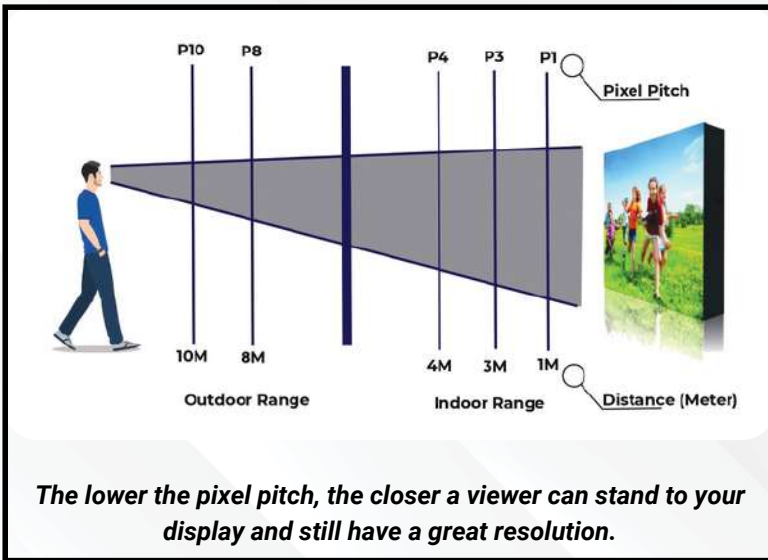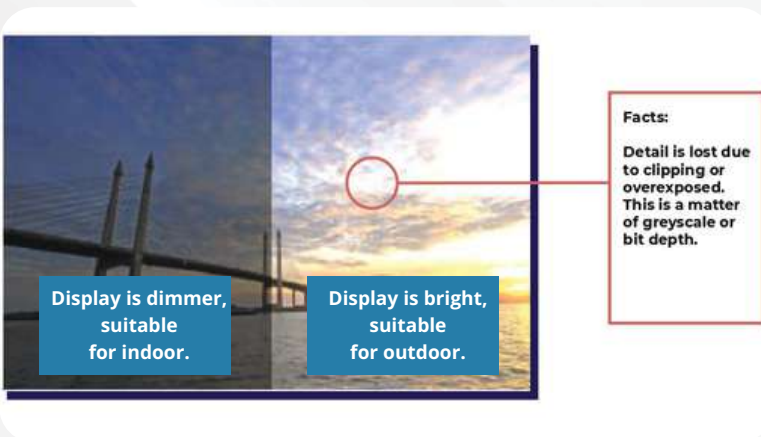↑ Pixel Pitch ↑ 10mm as the distance

Pixel Pitch

SMD

Serve as the basic component of the display, a single SMD contains RGB (Red, Green and Blue) emitter. The distance correlates with the Pixel density and display resolution. The smaller the Pixel Pitch, the higher the resolution of the display.

Viewing distance is critical when deciding on a display and this simple formula helps determine the best size of characters.

Viewing distance correlates with pixel pitch. The smaller the pixel pitch, the more pixels used to make up the image on the display thus improving the resolution and optimal viewing distance.

The lower the pixel pitch, the closer a viewer can stand to your display and still have a great resolution.

The more pixel count, the higher the resolution which implies higher clarity of the image.

BRIGHTNESS

Display is dimmer, suitable for indoor.

Display is bright, suitable for outdoor.

Facts:

Detail is lost due to clipping or overexposed. This is a matter of greyscale or bit depth.

Display brightness plays a major role in the selection of displays to better suit the local environment. Natural sunlight can diminish the light-emitting from the display SMD thus visibility is reduced.

However, higher screen brightness is not an indication for a better display because there is a difference between indoor and outdoor use.

Thus making the right selection of display brightness is important.

OUTDOOR	INDOOR
550 $cd/m2$ *(Low brightness application)* 7000 $cd/m2$ *(High brightness application)*	800 ~ 1500 $cd/m2$

Display brightness unit= $cd/m2$ or the LED brightness (candela) proportional to the number of LEDs per unit area ($m2$)

REFRESH RATE

Low Refresh Rate	High Refresh Rate

1920Hz	3840Hz
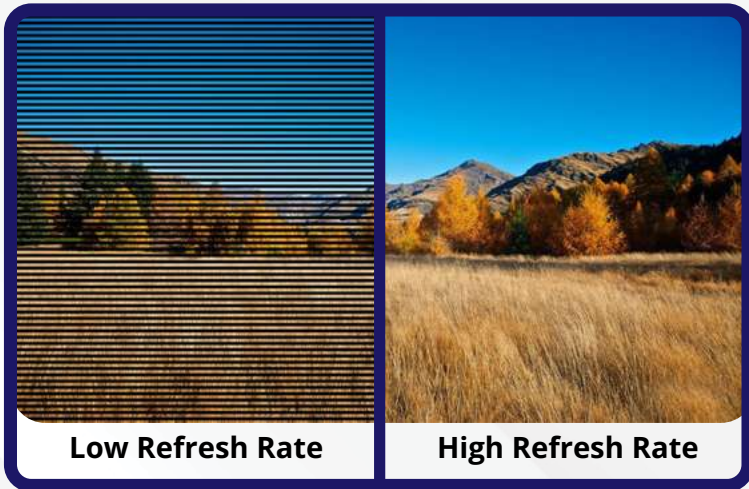
Refresh Rate is a measure of how many times per second redraws the image on the screen. It is measured in Hertz which is commonly abbreviated as "Hz".

For example, a refresh rate of 1920Hz means the image is refreshed 1920 times in one second. Normally, on the datasheet of a LED screen, it shows 1920Hz or 3840Hz. Above 1920Hz is considered as high refresh rate which fits to most of the highspeed videos source.
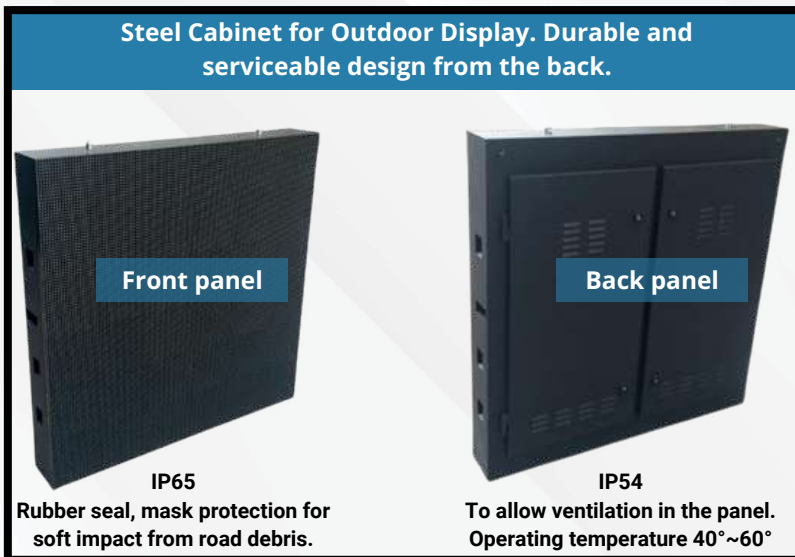
Fundamentally, 1920Hz is used for non-recording situation that may caused "black scanned lines" (enough for naked eyes), while 3840Hz is suitable for recording due to its' high refresh rate (commonly used for scoreboard & event halls).

IP (INGRESS PROTECTION) RATING

IP 6 5 ← **Moisture Ingress Protection Rating**

Ingress Protection   **Foreign body/ particulate ingress protection rating**
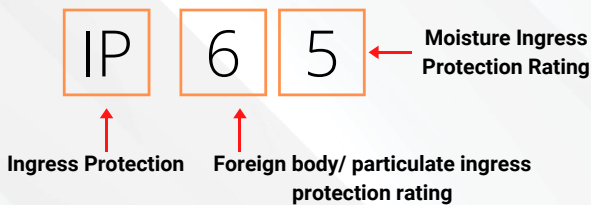
IP rating or Ingress protection mark is a standard referred to synonymously as an international protection mark. A two-digit grading system that's applied to the enclosure of a mechanical or electrical item. This is useful for customers to have a clear indication of the item resistance towards various types of unwanted intrusion such as dust particle or liquid.
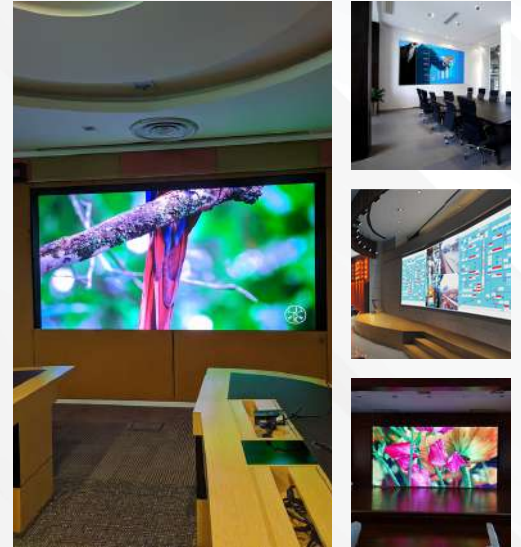
Steel Cabinet for Outdoor Display. Durable and serviceable design from the back.

Front panel

Back panel

IP65
Rubber seal, mask protection for soft impact from road debris.

IP54
To allow ventilation in the panel.
Operating temperature 40°~60°

Front panel

Side View

Back panel

During raining or extreme thunderstorm, rain droplets hit the display from top, hence the ventilation hole is facing downward providing a roof like protection.

Ventilation escape downward

INDOOR LED DISPLAY

LED SCREEN DISPLAY

Magnetic Module
P1, P1.25, P1.37, P1.66, P1.83, P1.8, P2, P2.5, P3, P3.0, P4

➡ Standard size module
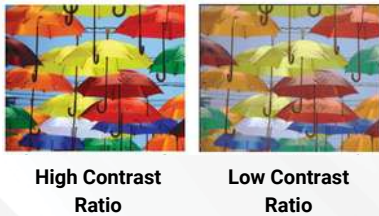
➡ High refresh rate

➡ High Durability Module

Scheduled Maintenance	Light Weight	Quick Installation	Inter-connectivity	Vivid Colors

FEATURES

High Contrast Ratio

High Contrast Ratio   Low Contrast Ratio

Using the black body LED lamp encapsulation technique, this magnetic module can offer up to 5,000:1 contrast ratio for deeper black and brighter white.

High Refresh Rate

Low Refresh Rate   High Refresh Rate

Using Pulse Width Modulation (PWM) driving ICs for 3,840 Hz of screen refresh rate. Our screens are free from flickering even when it is being recorded with smartphones.

700 Nit of Brightness

Our Magnetic module offers a brightness of up to 700 nits. Therefore, the screen remains visible even under harsh lighting conditions. Room lights can remain on even when using our LED screen.

High Resolution

High Resolution   Low Resolution

High density LED display module for superior sharpness and visual clarity. Available with pixel pitch up to 1.0mm with just 1 meter of viewing distance.

INDOOR LED DISPLAY

LED/LCD STANDEE DISPLAY

P1, P1.25, P1.37, P1.66, P1.83, P1.8, P2

→ High Contrast Ratio

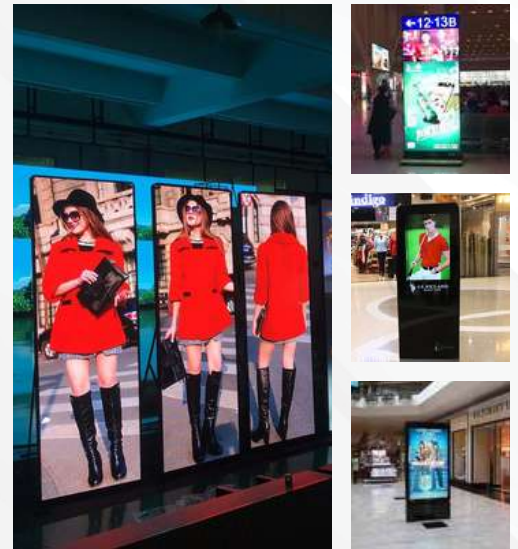→ High Refresh Rate

→ High Durability Module

Scheduled Maintenance

Quick Installation

Vivid Colors

FEATURES

Sleek, durable, free-standing design

Built-in media player for photo & video playback

Effective remote scheduling enterprise-wide.

AdvanLED

Energy saving.

Full HD resolution   Normal

Full HD for superior true-color performance

Create an auto on/off schedule that fits your business.

ON   OFF

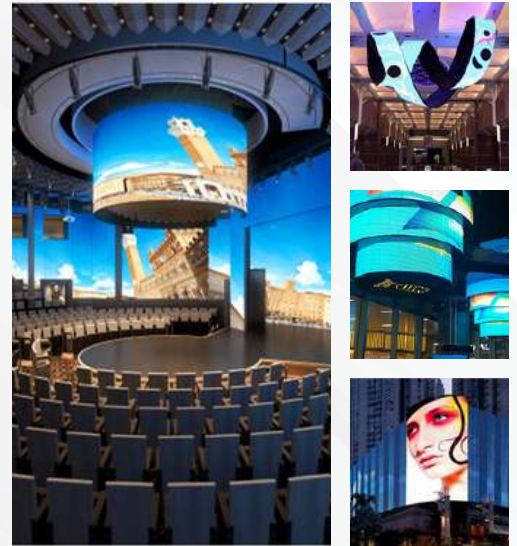# INDOOR LED DISPLAY

FLEXIBLE MODULE DISPLAY

Magnetic Module
P1, P1.25, P1.37, P1.66, P1.83, P1.8, P2, P2.5, P3, P3.0, P4

→ High Flexibility
→ High Refresh Rate
→ High Durability Module

Scheduled Maintenance | **Light Weight** | **Quick Installation** | **Inter-connectivity** | **Vivid Colors**

FEATURES

High Flexibility

Made from a special material silicone mask, the main features of a flexible LED display is, its ability to bend without breaking. Excellent flexibility, stable and high quality to make more complicated shapes for the LED display as customer's requirements.

Ultra Thin & Light

Unlike the common PCB made LED display modules, this LED flexible display panel is only weighted 75g without the bottom frame and mask, and weighing only 150g with the bottom frame and mask. These super thin and super soft feature can reduce the LED display structure load capacity greatly.

High Stability
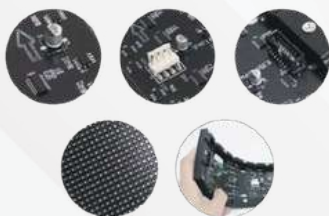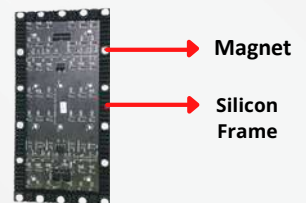
Our module uses advanced SMT technology to reduce bad soldering and static electricity. Resulting in a more obvious, delicate, and highly saturated reproduction effect of the displayed video and text. Besides soft LED displays have been subject to long-term aging tests.

High Resolution

It has high brightness with a low dead light rate and energysaving. The flexible led billboard is seamless splicing, with the control of splicing error between flexible led screen wall within plus or minus 0.1mm. This soft led panel can save 83% shipping and installation cost. Plus, it is easy to maintain and replace most of the components.

Magnet
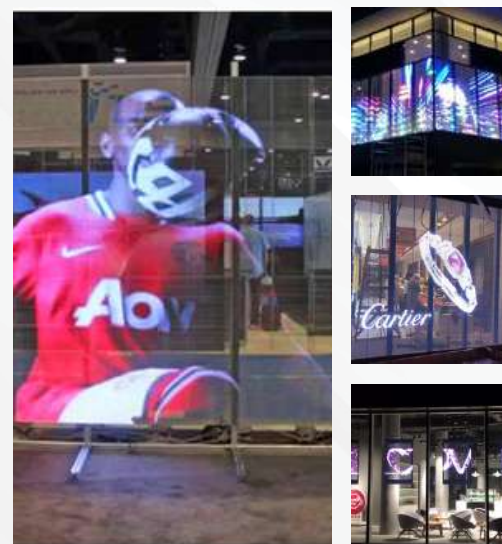Silicon Frame

INDOOR LED DISPLAY

TRANSPARENT DISPLAY

Fixed Module
P1, P1.25, P1.37, P1.66, P1.83, P1.8, P2, P2.5, P3, P3.0, P4

→ Light Weight

→ High Refresh Rate

→ High Durability Module

Scheduled Maintenance

Light Weight

Quick Installation

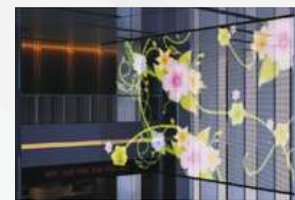**Inter-connectivity**

Vivid Colors

FEATURES

Application

Featured with high transparency, these transparent LED screens can be used at any place that has glass walls. Highly usable at places like the bank, shopping mall, theatre, commercial-stage, chain store, hotel, public building and landmark building etc.

Technical Upgrades

Compare with the common led display, the transparent rate increase 65%-85%. You can hardly see the body of the screen but only the like image in the air.

High Brightness, Better Quality

The high brightness and high definition features of the Transparent LED Screen for Glass Wall ensures great quality pictures.

Cost Savings

No need for steel structure and no need to change the complicate support structure which can save a lot of installation cost.

OUTDOOR LED DISPLAY

LED BILLBOARD DISPLAY

Fixed Module

P2.5, P3, P4, P5, P6, P8, P10

➡ Mild Steel/Diecast Cabinets
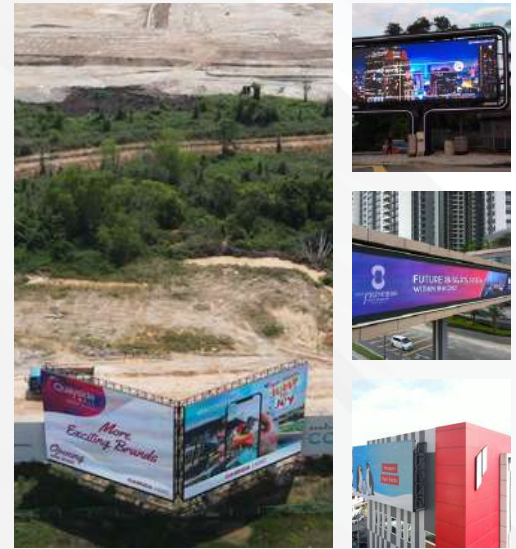
➡ High Refresh Rate

➡ High Durability Module

Scheduled Maintenance

Quick Installation

Vivid Colors

FEATURES

High Contrast Ratio

High Contrast Ratio | Low Contrast Ratio

Using the black body LED lamp encapsulation technique, this magnetic module can offer up to 5,000:1 contrast ratio for deeper black and brighter white.

High Refresh Rate

Low Refresh Rate | High Refresh Rate

Using Pulse Width Modulation (PWM) driving ICs for 3,840 Hz of screen refresh rate. Our screens are free from flickering even when it is being recorded with smartphones.

700 Nit of Brightness

Our Magnetic module offers a brightness of up to 700 nits. Therefore, the screen remains visible even under harsh lighting conditions. Room lights can remain on even when using our LED screen.

High Resolution

High density LED display module for superior sharpness and visual clarity. Available with pixel pitch up to 1.0mm with just 1 meter of viewing distance.

OUTDOOR LED DISPLAY

LED BUNTING DISPLAY

Fixed Module

P2.5, P3, P4, P5, P6, P8, P10

➡ Custom Shape Cabinet

➡ High Refresh Rate

➡ High Durability Module

Scheduled Maintenance

Light Weight

Quick Installation

Vivid Colors

FEATURES

High Contrast Ratio

High Contrast Ratio | Low Contrast Ratio

Using the black body LED lamp encapsulation technique, this magnetic module can offer up to 5,000:1 contrast ratio for deeper black and brighter white.

High Refresh Rate

Low Refresh Rate | High Refresh Rate

Using Pulse Width Modulation (PWM) driving ICs for 3,840 Hz of screen refresh rate. Our screens are free from flickering even when it is being recorded with smartphones.

7500 Nit of Brightness

Our outdoor LED Display Bunting offers brightness up to 7500 nits. Therefore, the screen remains visible even under harsh lighting conditions.
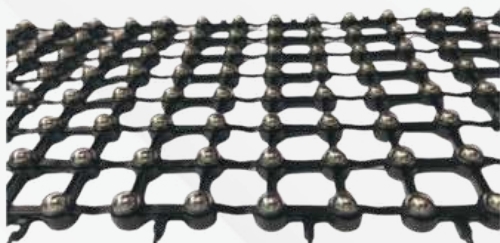
High Resolution

High density LED display module for superior sharpness and visual clarity. Available with pixel pitch up to 1.0mm with just 1 meter of viewing distance.

OUTDOOR LED DISPLAY

LED MESH DISPLAY

P56.25, P75, P100, P150, P200

➡ High Flexibility

➡ High Refresh Rate

➡ High Durability Module

Scheduled Maintenance

Light Weight

Quick Installation

Vivid Colors

FEATURES

Flexible Design

Ultra-flexible LED mesh curtain display, easy to form a flat-screen or curved to match with irregularly shaped building facade, both pixel pitch, panel size and panel color can be customized.

Fast Lock

Fast inter-panel locks make installation quick and easy especially for a large-sized screen.
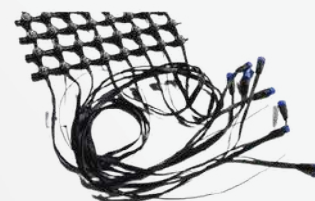
High Transparency

High transparency maximizes the natural light get inside of the building, flexible LED mesh screen also ensuring the screen has great ventilation and wind-resistance function.
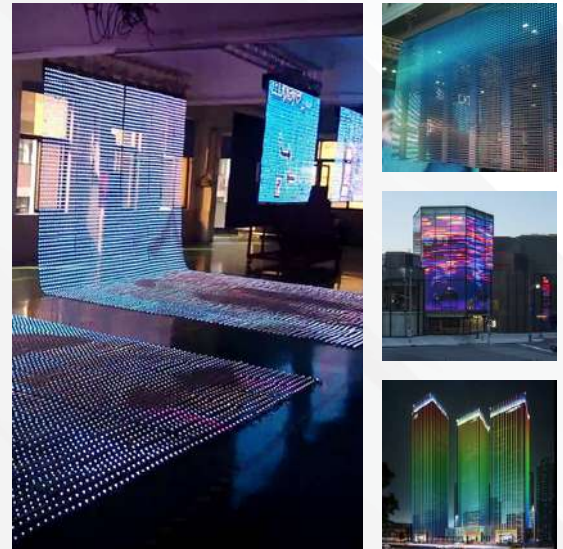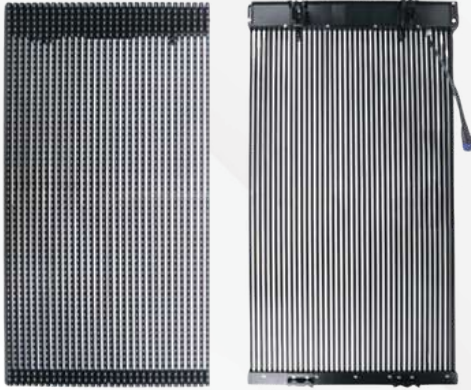
Waterproof Connectors

Head and tail of the panel, equipped with waterproof connectors.

OUTDOOR LED DISPLAY

DIP CURTAIN DISPLAY

P25, P31.2, P41.6, P50

→ Light Weight

→ High Refresh Rate

→ High Durability Module

Scheduled Maintenance

Light Weight

Quick Installation

Vivid Colors

FEATURES

Light Weight & Thin

DIP Curtain display thickness is only 68mm, 18kg/sqm of LED curtain screen which lighter 30-60% to the traditional LED Display. Reduce construction load efficiency and reduce installation costs.

7500 Nit of Brightness

DIP Curtain display offers brightness up to 7500 nits. Therefore, the screen remains visible even under harsh lighting conditions.
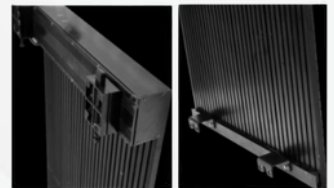
High Transparency

DIP Curtain display equipped with ventilation, light transmission design, to achieve Led Display and the air natural convection cooling, anti-typhoon and fireproof.

High Resistance

The aluminium alloy cabinet structured with high strength, no deformation, anti-corrosion characteristic. Adapt to a variety of climatic conditions, especially high temperature, high humidity environment.

SPORTS LED DISPLAY

LED SCOREBOARD DISPLAY

P2.5, P3, P4, P5, P6, P8, P10

➡ Professional Scoring Software

➡ High Refresh Rate

➡ High Durability Module

Scheduled Maintenance

Inter-connectivity

Quick Installation

Vivid Colors

FEATURES

Professional Scoreboard

Supports the scoring and timing for various kind of match. The content and the layout on the scoreboard not only refer to the official match rules but also optimized according to the referee's experience.

7500 Nit of Brightness

Our Scoreboard display offers brightness up to 7500 nits. Therefore, the screen remains visible even under harsh lighting conditions.

Flexible Layout

All content in the scoreboard including fonts, colour, and layout can be modified to meet the effect from clients' need.

Multimedia Support

Able to display multiple files in a lot of effects, and switch between different scoreboard screens.

SPORTS LED DISPLAY

LED PERIMETER DISPLAY

P2.5, P3, P4, P5, P6, P8, P10

➡ Safety Cushion Feature

➡ High Refresh Rate

➡ High Durability Module

Scheduled Maintenance

Inter-connectivity

Quick Installation

Vivid Colors

FEATURES

Adjustable Back Brackets

This structure makes it possible to adjust screens lean angel to realize a wider viewing angle and reach more audience that brings more sports enjoyment and advertising revenue.

Soft Mask & Pillow

Rubber Louver   Soft Pillow

Soft module mask is equipped to protect players from being hurt when hitting on the outdoor LED screens. Soft pillow on top of each LED display cabinet, insuring no hurt will happen when players crash into the advertising LED screen.

7500 Nit of Brightness

Our Perimeter Display offers brightness up to 7500 nits. Therefore, the screen remains visible even under harsh lighting conditions.

TRANSPORTATION LED DISPLAY

FIXED VARIABLE MESSAGE SIGN

P2.5, P3, P4, P5, P6, P8, P10

➡ Self-diagnostic

➡ High Refresh Rate

➡ High Durability Module

Scheduled Maintenance

Inter-connectivity

Quick Installation

LED TAXI DISPLAY

P2.5, P3.3, P5

➡ Low Power Consumption

➡ High Resolution

➡ High Durability Module

Maintenance Scheduled

Installation Quick

Colors Vivid

PAST CLIENTS

AdvanLED

Your LED Solutions Provider

www.ledvision.com.my

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